

Converting Colors

RGB(187, 171, 104)

Have a look what the booklet for
RGB(187, 171, 104) contains.

RGB(187, 171, 104)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(187, 171, 104)

Conversions

Conversions Part 1

Format	Color
Hex	BBAB68
RGB	187, 171, 104
RGB Percent	73%, 67%, 41%
CMY	0.2667, 0.3294, 0.5922
CMYK	0.00, 0.09, 0.44, 0.27
HSL	48°, 38%, 57%
HSV	48°, 44%, 73%
XYZ	37.5551, 40.6901, 18.9713
YIQ	168.1460, 31.0430, -17.4450

Conversions

Conversions Part 2

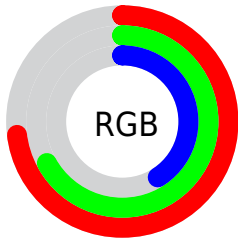
Format	Color
RYB	124, 187, 104
Decimal	12299112
CIELab	69.96, -3.61, 36.50
CIELCh	70, 36.676, 95.649
Yxy	40.6901, 0.3863, 0.4186
Android (android.graphics.Color)	4290489192 (0xFFBBAB68)
YUV	168.1460, -31.6240, 16.5350
Hunter-Lab	63.7888, -6.5400, 27.0188

Details

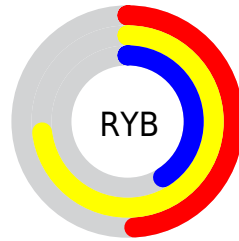
The RGB color **187, 171, 104** is a light color, and the websafe version is hex **999966**. A complement of this color would be **104, 120, 187**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **244, 226, 156**, and **132, 119, 55** is the 20% darker color. If you saturate the color by 10%, you get **187, 167, 85**, and if you desaturate by 10%, it is **187, 175, 123**.

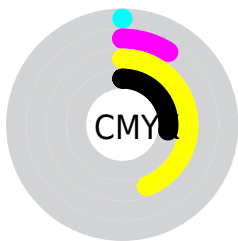
Distribution



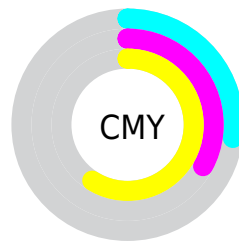
- Red (73%)
- Green (67%)
- Blue (41%)



- Red (49%)
- Yellow (73%)
- Blue (41%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (27%)



- Cyan (27%)
- Magenta (33%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 171, 104 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 187, 171, 104 by changing the saturation by 10% instead.

 187, 171, 104

255, 255, 255

 244, 226, 156

 255, 255, 183

 255, 255, 211

 255, 255, 240

 187, 171, 104


 159, 145, 79

 132, 119, 55

 106, 94, 31

 80, 71, 5


 56, 49, 0


 31, 28, 0

 0, 0, 0

 187, 171, 104

 187, 167, 85

 187, 171, 104

 187, 175, 123

■ 187, 164, 67

■ 187, 178, 141

■ 187, 160, 48

■ 187, 182, 160

■ 187, 157, 29

■ 187, 185, 179

■ 187, 153, 11

■ 187, 189, 197

■ 187, 151, 0

■ 187, 193, 216

■ 187, 196, 235

■ 187, 200, 254

■ 187, 203, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216, 160, 111



187, 171, 104



151, 180, 116

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187, 171, 104



37, 187, 209



218, 149, 199

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



187, 171, 104



104, 120, 187

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



183, 160, 225



187, 171, 104



77, 182, 231

Square

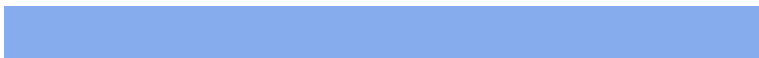
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



187, 171, 104



66, 189, 176



134, 172, 237



235, 145, 166

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187, 171, 104



125, 185, 132



134, 172, 237



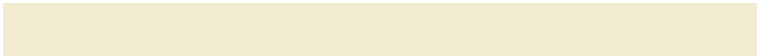
208, 152, 209

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



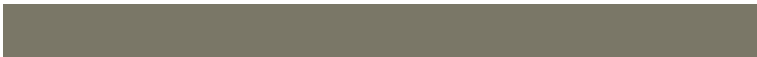
187, 171, 104



242, 236, 211



187, 104, 121



122, 119, 103



250, 250, 250



122, 122, 122

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



187, 171, 104



242, 217, 114



162, 187, 104



94, 93, 85



158, 128, 0



31, 25, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



104, 120, 187



114, 139, 242



129, 104, 187



85, 87, 94



0, 30, 158



0, 6, 31

Previews

White Background



This preview shows how the RGB color 187, 171, 104 looks on a white background.

Color Contrast Check

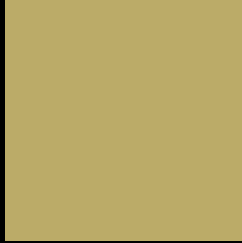
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 187, 171, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

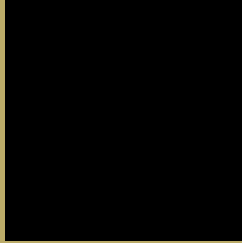
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 187, 171, 104 Background



This preview shows how black text looks on a background with the RGB color 187, 171, 104.



This preview shows how white text looks on a background with the RGB color 187, 171, 104.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


187, 171, 104

Protanopia

187, 171, 104

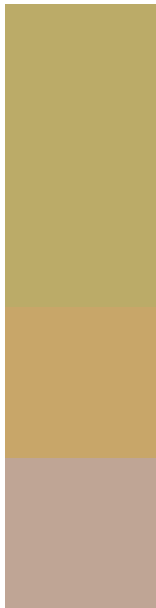
Deuteranopia

207, 163, 106



Tritanopia
194, 162, 175

Trichromacy



Original Color
187, 171, 104

Protanomaly
187, 171, 104

Deuteranomaly
200, 166, 105

Tritanomaly
191, 165, 149

Monochromacy



Original Color
187, 171, 104

Achromatopsia
168, 168, 168

Achromatomaly
175, 169, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 171, 104 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(187, 171, 104)` looks like.

```
.text, #text, p{  
    color:rgb(187, 171, 104)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(187, 171, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 171, 104) }
```

Border

The CSS property to change the border of an element to RGB 187, 171, 104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 171, 104) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(187, 171, 104) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(187, 171, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 171, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 171, 104);  
box-shadow:4px 4px 4px 4px rgb(187, 171,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 187, 171, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 171, 104) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(187,  
171, 104) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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